# Mod 1-23 & 1-24

Arithmetic/logic unit (ALU) - the part of the central processing unit that performs arithmetic computations and logical operations.

Central processing unit (CPU) - Also known as the micro-processor; the brains of the computer.

Circuit board- A thin plate or board that contains electronic components.

Computer- Electronic device that receives, processes, and stores data and produces a result

Control unit- the part of the central processing unit that controls the flow of information through the processor

Data- Information entered into the computer to be processed that consists of text, numbers, sounds, and images.

Hard disks- a data storage unit inside a computer that can store a large quantity of data (60GB or more), but cannot easily be removed from the computer

Hardware- The tangible, physical equipment that can be seen and touched.

Information- The output produced by a computer after it processes data

Memory- Where data is stored on the computer’s motherboard

Mobile devices- Electronic device that fit into the palm of your hand, such as personal digital assistants (PDAs), calculators, smart phones and other cell phones, electronic organizers, and handheld games.

Motherboard- A circuit board that contains all of the computer system’s main components

Notebook computers- Similar to a microcomputer; however, it is smaller and portable

Random access memory (RAM) - Computer location where instructions and data are stored on a temporary basis. This memory is volatile.

Read-only memory (ROM) – Permanent storage; instructions are burned onto chips by the manufacturer.

Server- A computer that handles requests for data, e-mail, file transfers, and other network services from other computers (clients).

Software- Intangible set of instructions that tells the computer what to do.

Supercomputer- largest and fastest computers, capable of storing and processing tremendous volumes of data.

Tablet PC- A personal computer similar in size and thickness to a notepad on which you can take notes using a stylus or digital pen on a touch screen.

USB flash drive- A small removable data storage device.

# Review Questions

## TRUE/FALSE

1. False
2. False
3. True
4. True
5. True

# MULTIPLE CHOICE

1. D. computer system
2. D. mobile device
3. C. motherboard
4. B. solid state
5. B. volatile

# FILL IN THE BLANK

1. Random Access Memory
2. Machine Cycle
3. Faster
4. The Arithmetic/logic unit
5. A chip